

Amendments to the Claims:

The following listing of claims will replace all prior versions, and listings, of claims in the application:

1. (Previously Presented) A linking information making device comprising:
 - a service list acquisition unit which acquires a service list expressing respective services which execute predetermined processings of document data, the respective services being provided by service processing devices;
 - an interface information acquisition unit which acquires from the respective service processing devices pieces of interface information corresponding to the respective service processing devices, the interface information including a method by which the predetermined processing is started; and
 - a linking information making unit which makes linking information to be used for linking the predetermined processings based on the interface information which has been acquired by the interface information acquisition unit, and transmits the linking information, the linking information including information to be displayed on a screen of one or more service processing devices and to be selected by a user operating the screen when the user instructs to start linking the predetermined processings; and
 - a management unit which stores the transmitted linking information and further transmits the stored linking information to the one or more service processing devices for displaying on the screen based on a request from the service processing devices.
2. (Previously Presented) A linking information making method comprising:
 - acquiring a service list expressing respective services, which execute predetermined processings of document data, the respective services being provided by service processing devices;

further acquiring pieces of interface information corresponding to the respective service processing devices from the respective service processing devices, the interface information including a method by which the predetermined processing is started;

making linking information to be used for linking the predetermined processings based on the acquired pieces of the interface information, the linking information including information to be displayed on a screen of one or more service processing devices and to be selected by a user operating the screen when the user instructs to start the predetermined processings; and

transmitting the linking information to the one or more service processing devices based on a request from the one or more service processing devices.

3. (Previously Presented) A computer-readable recording medium that stores a program for controlling a computer to execute a processing for making linking information, the program including instructions for controlling the computer to execute:

acquiring a service list expressing respective services, which execute predetermined processings of document data, the respective services being provided by service processing devices;

further acquiring pieces of interface information corresponding to the respective service processing devices from the respective service processing devices, the interface information including a method by which the predetermined processing is started;

making linking information to be used for linking the predetermined processings based on the acquired pieces of the interface information, the linking information including information to be displayed on a screen of one or more service processing devices and to be selected by a user operating the screen when the user instructs to start linking the predetermined processings; and

transmitting the linking information to the one or more service processing devices based on a request from the one or more service processing devices.

4. (Currently Amended) A document processing system, comprising:
the linking information making device according to claim 1 which acquires the service list transmitted from a search device and the pieces of the interface information from the service processing devices via the search ~~device, further comprising: device; and~~
a plurality of service processing devices which provide services for executing predetermined processings of document data and transmit the pieces of the interface information to the search ~~device; and~~ device.

the search device provided with:

a service information storage unit for storing the pieces of the interface information which have been transmitted from currently-available service processing devices;

a search unit for searching services corresponding to services, for which search has been requested, using the pieces of the interface information which have been stored in the service information storage unit; and

a transmission unit which transmits the service list based on the search results of the search unit.

5. (Original) A document processing system according to claim 4, wherein the transmission unit of the search device transmit the service list expressing services which are services provided by currently-available service processing devices and correspond to services for which search has been requested, to the linking information making device.

6. (Previously Presented) A document processing system according to claim 4, wherein the service processing devices transmit pieces of input information and pieces of output information on services, service names, and service information location as the interface information.

7. (Original) A document processing system according to claim 4, wherein the interface information acquisition unit of the linking information making device acquires pieces of service information location for accessing the respective service processing devices, from the search device, and acquires pieces of interface information from the service processing devices based on pieces of the acquired service information location.

8-13. (Canceled)

14. (Previously Presented) A linking information making device according to claim 1, wherein the linking information is a file in an XML format.

15. (Previously Presented) A linking information making method according to claim 2, wherein the linking information is a file in an XML format.

16. (Previously Presented) A computer-readable recording medium according to claim 3, wherein the linking information is a file in an XML format.

17. (Previously Presented) The linking information making device according to claim 1, wherein the management unit stores a plurality of the linking information as a plurality of workflows.

18. (Previously Presented) The linking information making method according to claim 2, further comprising storing a plurality of the linking information as a plurality of workflows.

19. (Previously Presented) The computer-readable recording medium according to claim 3, further comprising storing a plurality of the linking information as a plurality of workflows.

20. (Currently Amended) A computer-readable recording medium that stores a program for controlling a computer to execute a processing for making linking information, the program including instructions for controlling the computer to execute:

~~acquiring pieces of service information expressing respective services which execute predetermined processings of document data, the respective services being provided by service processing devices;~~

acquiring, from service processing devices through a network, pieces of service information expressing different types of processings executed by the service processing devices on document data;

displaying the pieces of service information on a display;

making linking information that links the ~~predetermined~~ processings to be executed by the service processing devices as a workflow based on a user operation on the display;

storing a plurality of pieces of the linking information as a plurality of ~~workflows;~~ workflows in a storage unit, and

~~transmitting~~ transmitting, in response to a requirement from one of the service processing devices, the plurality of pieces of the stored linking information through the network to the one or more of the service processing devices so that a list of the plurality of workflows are displayed on a screen of the one or more of the service processing devices for ~~receiving a user selection for the plurality of workflows.~~ selection.

wherein one of the workflows is started based on the user selection.

21. (Previously Presented) The computer-readable recording medium according to claim 20, wherein the linking information is a file in an XML format.

22. (Previously Presented) The computer-readable recording medium according to claim 20, wherein the transmitting comprises transmitting the plurality of pieces of the linking information in response to a request from one or more of the service processing devices.

23. (Previously Presented) The computer-readable recording medium according to claim 20, wherein the service information includes a service list and pieces of interface information corresponding to the respective service processing devices.